

Electrical Troubleshooting

Symptom-to-Component Chart

KB other

Number of <input type="checkbox"/> D4 indicator light blinks while Service Check Connector is jumped.	<input type="checkbox"/> D4 indicator light	Possible Cause	Symptom	Refer to page
1	Blinks	<ul style="list-style-type: none"> • Disconnected lock-up control solenoid valve A connector • Short or open in lock-up control solenoid valve A wire • Faulty lock-up control solenoid valve A 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. • Lock-up clutch does not disengage. • Unstable idle speed. 	9-56
2	Blinks	<ul style="list-style-type: none"> • Disconnected lock-up control solenoid valve B connector • Short or open in lock-up control solenoid valve B wire • Faulty lock-up control solenoid valve B 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. 	9-57
3	Blinks or OFF	<ul style="list-style-type: none"> • Disconnected throttle angle sensor connector • Short or open in throttle angle sensor wire • Faulty throttle angle sensor 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. 	9-58
4	Blinks	<ul style="list-style-type: none"> • Disconnected sensor connector • Short or open in speed sensor wire • Faulty speed sensor 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. 	9-59
5	Blinks	<ul style="list-style-type: none"> • Short in shift position console switch wire • Faulty shift position console switch 	<ul style="list-style-type: none"> • Fails to shift other than 2nd ↔ 4th gears. • Lock-up clutch does not engage. 	9-60
6	OFF	<ul style="list-style-type: none"> • Disconnected shift position console switch connector • Open in shift position console switch wire • Faulty shift position console switch 	<ul style="list-style-type: none"> • Fails to shift other than 2nd ↔ 4th gears. • Lock-up clutch does not engage. • Lock-up clutch engages and disengages alternately. 	9-62
7	Blinks	<ul style="list-style-type: none"> • Disconnected shift control solenoid valve A connector • Short or open in shift control solenoid valve A wire • Faulty shift control solenoid valve A 	<ul style="list-style-type: none"> • Fails to shift (between 1st ↔ 4th, 2nd ↔ 4th or 2nd ↔ 3rd gears only). • Fails to shift (stuck in 4th gear) 	9-64
8	Blinks	<ul style="list-style-type: none"> • Disconnected shift control solenoid valve B connector • Short or open in shift control solenoid valve B wire • Faulty shift control solenoid valve B 	<ul style="list-style-type: none"> • Fails to shift (stuck in 1st or 4th gears). 	9-65



Number of D4 indicator light blinks while Service Check Connector is jumped.	D4 indicator light	Possible Cause	Symptom	Refer to page
9	Blinks	<ul style="list-style-type: none"> • Disconnected NC speed sensor connector • Short or open in the NC speed sensor wire • Faulty NC speed sensor 	• Lock-up clutch does not engage.	9-66
10	Blinks	<ul style="list-style-type: none"> • Disconnected water temperature sensor connector • Short or open in the water temperature sensor wire • Faulty water temperature sensor 	• Lock-up clutch does not engage.	9-68
11	OFF	<ul style="list-style-type: none"> • Disconnected ignition coil connector • Short or open in ignition coil wire • Faulty ignition coil 	• Lock-up clutch does not engage.	9-69
14	OFF	<ul style="list-style-type: none"> • Short or open in FAS wire • Trouble in PGM-FI ECU 	• Transmission jerks hard when shifting.	9-70
15	OFF	<ul style="list-style-type: none"> • Disconnected NM speed sensor connector • Short of open in NM speed sensor wire • Faulty NM speed sensor 	• Transmission jerks hard when shifting.	9-72

If the self-diagnosis **D4** indicator light does not blink, perform an inspection according to the table listed below.

Sympton	Probable Cause	Ref. page
D4 indicator light is on steady, not blinking whenever the ignition is on.	_____	9-74
D4 indicator light does not come on for 2 seconds after ignition is first turned on.	_____	9-75
Shift lever cannot be moved from P position with depressing the brake pedal.	Check brake light signal.	9-76
Lock-up clutch does not have duty operation (ON-OFF).	Check A/C signal with A/C on.	9-77
Lock-up clutch does not engage.		

- If a customer describes the symptoms for codes 3, 6, or 11, yet the **D4** indicator light is not blinking, it will be necessary to recreate the symptom by test driving, and then checking the **D4** indicator light with the ignition still ON.
- If the **D4** indicator light displays codes other than those listed above or stays lit continuously, the control unit is faulty.
- Sometimes the **D4** indicator light and the Check Engine light may come on simultaneously. If so, check the PGM-FI system according to the number of blinks on the PGM-FI ECU self-diagnosing indicator, then reset the memory by removing the Back-Up fuse in the under hood fuse/relay box for more than 10 seconds. Drive the vehicle for several minutes at speed over 30 mph (50 km/h), then recheck the lights.

NOTE: Disconnecting the Back up fuse also cancels the radio preset stations and the clock setting. Make note of the radio presets before removing the fuse so you can reset them.